

REMARKS

Claims 3, 5, 7, and 10 stand rejected under §112. Claims 3, 5, and 10 have been cancelled, without prejudice, and claim 7 has been amended to overcome this rejection, without narrowing the scope of the claim. “Third or higher order” has been replaced with “third order or higher”. Withdrawal of this rejection is respectfully requested.

Claims 1-10 stand rejected under § 112 in paragraph 2 of the Office Action. Claims 1, 6, and 7 have been amended to overcome this rejection, and claims 2, 5, and 10 have been cancelled without prejudice. Withdrawal is requested.

Claims 1-10 stand rejected under § 102 on the basis of Tanaka ‘551. Applicant traverses this rejection because Tanaka does not disclose (or suggest) a position trajectory output defined by a function of third order or higher with respect to time, as in amended independent claims 1, 6, and 7.

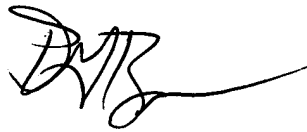
Tanaka discloses “generating a sine-wave-shaped trajectory”. Unlike Tanaka, amended claims 1, 6, and 7 recite a third order or higher shaped trajectory. Claim 4 defines a trajectory based on a combination of trigonometric functions, and claim 5 defines a trajectory based on a function making the second order differential continuous. None of these features are disclosed or suggested by Tanaka. Accordingly, withdrawal of this rejection is respectfully requested.

For the foregoing reasons, Applicant submits that this Application is now in condition for allowance, which is respectfully requested. The Examiner should contact the undersigned attorney if an interview would expedite prosecution.

Respectfully submitted,

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